



5000

5630

0400#5  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: SCHÖNEFELD

COPY OF PAPERS  
ORIGINALLY FILED

In re Application of:	)
CHRISTA SCHÖNEFELD ET AL.	)
U.S. Appl. No.: 10/018,634	)
Filed: December 17, 2001	)
For: VERFAHREN ZUR DYNAMISCH-CHEMISCHEN HERSTELLUNG VON DIAMENTARTIGEN KOHLENSTOFFSTRUKTUREN, DIAMANTARTIGE KOHLENSTOFFSTRUKTUREN UND VERWENDUNGEN VON DIAMANTARTIGEN KOHLENSTOFFSTRUKTUREN	)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on <u>January 24, 2002</u> (Date)	
<u>URSULA B. DAY</u> (Name of Registered Representative)	
<u><i>Ursula B. Day</i></u> Signature	<u>Jan 24, 2002</u> Date of Signature

SIR:

In accordance with 37 C.F.R. 1.56, applicant wishes to call the attention of the Examiner to the following references A) to L) which were cited in the International Search Report issued by the European Patent Office with regard to the corresponding PCT application No. PCT/DE00/01885. Applicant does not admit that any of the cited documents constitutes prior art against the pending application.

Country:	Patent or Appl. No:	Patentee or Applicant:	Issue or Filing Date:
A) USA	Appl. Phys. Lett.	Yoshikawa et al	07-31-95
B) Japan	XP 002151880	Tokyo Diamond	11-20-92
C) USA	4,767,608 A	Seiichiro et al	08-30-88
D) WO	WO 90 05701 A	Good	05-31-90
E) USA	XP 002151881	Toyota Cent	03-09-93
F) USA	XP 002151879	Katsuhisa et al	1991
G) USA	XP 002151876	Fedoseev et al	1997
H) USA	XP 002151877	Fedoseev et al	1996
I) USA	XP 002151878	Fedoseev et al	1996
J) USA	Nano-structured ..	Buerki et al	09-01-94
K) Germany	DE 40 38 190 A	Anthony	06-13-91
L) Britain	XP 02151882	Hornig	05-21-94

Copies of these references are submitted herewith along with form PTO-1449.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

☐ This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under 1.53(d), so that no fee under 37 C.F.R. §1.97 is due.

☒ This Information Disclosure Statement is filed within three months of the date of entry of the national stage as set forth in 1.491 in an international application, so that no fee under 37 C.F.R. §1.97 is due.

☐ This Information Disclosure Statement is filed before the mailing of a first Office Action on the merits, so that no fee under 37 C.F.R. §1.97 is due.

☐ This Information Disclosure Statement is filed before the mailing of a first Office Action after the filing of a request for continued examination under §1.114, so that no fee under 37 C.F.R. §1.97 is due.

☐ This Information Disclosure Statement is filed after the issuance of a first office but before issuance of a final action under §1.113, or a notice of allowance under §1.311.

☐ This Information Disclosure Statement is submitted after the mailing of a final action or a notice of allowance, but before payment of the issue fee.

☐ The undersigned submits the following statement requesting consideration of this statement:

The undersigned hereby states:

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement;

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

☐ The fee of \$180.00 set forth in 1.17(p).

[ ] The Commissioner is hereby authorized to charge the fee as set forth in 1.17(p), and any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

[X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.


In order to satisfy the requirement under 37 C.F.R. §1.98(a)(3) for a concise explanation of the relevance of each item of information, applicant herewith submits a copy of the International Search Report.

The above-identified application discloses and claims an invention patentable over this prior art.

Entry of the references above set forth into the file of the above application is believed to be in order and is respectfully requested.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

Respectfully submitted

By:   
Ursula B. Day  
Attorney for Applicant  
Reg. No. 47,296  
350 Fifth Avenue  
Suite 3220  
New York, N.Y. 10118  
(212) 244-5500

UBD:be  
Date: January 24, 2002

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

## INFORMATION DISCLOSURE CITATION

<b>Attorney's Docket No.</b> SCHÖNEFELD	<b>Applicant</b> CARBO-TEC GES.	<b>U.S. Serial No.</b> 10/018,634
<b>U.S. Filing Date</b> December 17, 2001	<b>Group</b>	<b>Examiner</b>

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date, if appropriate
	4,767,608	08-30-88	Matsumoto			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation
	JP 4333599	11-20-92	Japan			
	WO 9005701	05-31-90	International			
	JP 5058784	03-09-93	Japan			
	DE 4038190	06-13-91	Germany			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Yoshikawa et al: Raman Scattering From Nanometer-Sized Diamond, XP 000520546 Volume 67, No. 5, pages 694-696, July 31-1995, entire document
		Database WPI, Section Ch, Week 199301, Derwent Publications Ltd., London, GB XP002151880, Class M11, AN 1993-005087 & JP 04 333599 (11-20-1992)
		Database Chemabs "Online"; Fedoseev et al.: Growth and properties of diamond-like films deposited from cyclohexane-argon mixtures ... ; XP002151877, 1997
		Database Chemabs "Online"; Fedoseev et al.: Diamond-like films deposition from the mixtures of cyclohexane with argon in low-temperature plasma"; XP002151878, 1996
		Database Chemabs "Online"; Fedoseev et al.: Effect of ion flux on the growth of diamond-like films in a low-temperature plasma"; XP002151876, 1996
		Database WPI, Section Ch, Week 199425, Derwent Publ. Ltd, London, GB; XP002151882 & TW 224 076 A, May 21, 1994
		uerki et al.: "CO <sub>2</sub> -Laser-Induced Vapor-Phase Synthesis of HN-Diamond Nanoparticles at 6-2 Bar; Nanostructured materials, Vol. 4, No. 5, September 1, 1994

Examiner:

Date considered:

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.